

## 20. Vehicle position is deviated from correct point badly.

### INSPECTION PROCEDURE

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| <b>1</b> | <b>Check the mark display. (At a place with a fine view, is GPS mark displayed or not?)</b> |
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**No**

**Go to step 7.**

**Yes**

- |          |  |
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| <b>2</b> | <b>Does the trouble occur in the specific area or not?</b> |
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**Yes**

**Normal (If the vehicle is positioned in the place where it is difficult to be identified, the current vehicle position may be incorrectly displayed.)**

**No**

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| <b>3</b> | <b>Check the setting (Color of the automatic calibration button on the calibration screen).</b> |
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**Green**

**Normal (Drive the vehicle (10 km or more) until calibration is completed.)**

**Blue**

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| <b>4</b> | <b>Service check mode (Is "58-43" displayed in the unit check mode of the navigation ECU?)</b> |
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**Yes**

**Troubleshoot for each diagnosis.**

**No**

**5 Navigation check mode (vehicle signal check mode: SPD)****NG****Replace or repair speed sensor wire harness.****OK****6 Recurrence Test (Confirm the phenomenon) (Correct the current position and drive the vehicle for a while with the GPS mark displayed)****OK****Normal****NG****Replace the navigation ECU.****7 Check if the harness is caught or sharply bent or not.****NG****Navigation antenna is surely connected.****OK****8 Check optional components. (Does it become normal if the optionals such as the theft deterrent system is removed?)****Yes****Remove or change the position of the components.****HINT:**

Some optionals receive radio signals, and if this happens, GPS reception may be affected.

**No**

**9** Is there anything such as a film stuck to the window?

**Yes**

Reception may be affected by a screen such as a film.

**No**

**10** Service check mode (Is "80-40, 41" displayed in the unit check mode of the navigation ECU?)

**Yes**

Troubleshoot for each diagnosis.

**No**

**Replace the navigation antenna.**

**HINT:**

If the trouble still occurs, replace the navigation ECU.